Please type a plus sign (+) inside this box → [+]

PTO/SB08A/B (04-03)
Approved for use through 04/30/2003. OMB 0651-0031
Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

COMPLETE IF KNOWN	
Application Number	To Be Assigned
Confirmation Number	To Be Assigned
Filing Date	October 7, 2003
First Named Inventor	Chie Ohba
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	AA537C2

U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.[1]	DOCUMENT NUMBER Number - Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		US-2,092,346	09-07-1937	Arone	
		US-2,662,527	12-15-1953	Jacks	
		US-2,917,049	12-15-1959	Delaney	
		US-3,420,235	01-07-1969	Harmon	
		US-3,856,013	12-24-1974	Dulle	
		US-3,905,372	09-16-1975	Denkinger	
		US-4,595,392	06-17-1986	Johnson	
		US-4,631,062	12-23-1986	Lassen	
		US-5,389,181	02-14-1995	Vukos	
		US-5,961,508	10-05-1999	Mayer	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.[1]	FOREIGN PATENT DOCUMENT Country Code[3] Number[4] Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T[6]
		DE 4,032,119 A1	04-16-1992	Bortz	figure only	X
		FR 2,703,244 A	10-07-1994	Lefebvre		X
		NL 1004631	10-02-1997	Winkels	figure only	X
		WO 99/55270 A1	11-04-1999	Gann		
		WO 00/40197 A1	07-13-2000	Lichstein		

NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[6]

EXAMINER	DATE CONSIDERED
	9/30/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1]Applicant's unique citation designation number (optional). [2]See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. [3]Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.